CLASSIFICATION CONFIDENTIAL
SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY

INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD NO.

50X1-HUM

COUNTRY USSR

SUBJECT Economic; Technological - Agricultural machine building

HOW PUBLISHED Daily newspapers

WHERE PUBLISHED USSR

DATE PUBLISHED 3 Jan - 20 Feb 1953

LANGUAGE Russian

DATE OF INFORMATION 1953

DATE DIST. 13 May 1953

NO. OF PAGES 3

SUPPLEMENT TO REPORT NO.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers as indicated.

SOVIET MACHINES USED IN GROWING TEA, POTATOES, GRAIN, FORAGE CROPS, AND COTTON

KIEV PLANT BUILDS TEA GROWING MACHINERY -- Tbilisi, Zarya Vostoka, 11 Feb 53

The Kiev Machinery Plant, which was formerly under the Ministry of Local Industry Ukrainian SSR, has been transferred to the jurisdiction of the Ministry of Agricultural Machine Building USSR.

Fedorenko, chief engineer of the plant, is now studying new designs for large irrigating machines, ditchers, and planers. The plant will build experimental models of these machines.

In late November 1952, the plant received a rush order to build self-propelled tea cultivating machines. These machines, based on the KhTZ-7 tractor, will be fitted with interchangeable attachments: cultivators, fumigators, and pruners. A specialist was sent to the plant from Tbilisi to give practical advice to the machine builders, while Chief Engineer Fedorenko went to Georgia to study the conditions under which the machines would operate.

The new machine is extremely complex; more than 2,000 parts must be made and assembled for each machine. To speed output of the machines, the ministry placed a number of orders /for parts/ with agricultural machine building enterprises of Moscow, Dnepropetrovsk, Odessa, and Kirovograd, and the Krasnyy Aksay Plant in Rostovskaya Oblast.

The plant has received 20 new, high-speed machine tools, needed to fill the order for the tea machines. The plant is simultaneously building the machines and working out the technological processes for their series production.

I. Biryukov, plant director, recently returned from Moscow and sent his representative to Khar'kov with an order from the deputy minister of the Ministry of Agricultural Machine Building to obtain metal for important parts of the new machine from a plant in Khar'kov.

CLASSIFICATION CONFIDENTIAL

STATE	X	NAVY	X	NSRB		DISTRIBUTION							
ARMY	X	AIR	X	FBI									

BUILD POTATO CULTIVATING MACHINES, WELL EQUIPMENT -- Vil'nyus, Sovetskaya Litva, 3 Jan 53

The Ryazsel'mash Plant has begun the production of machines for planting, hilling, fertilizing, picking, and grading potatoes.

The Lebedyan' Machine Building Plant has started production of artesian well equipment which will draw water from a depth of 108 meters.

DEVELOP NEW SEEDERS -- Frunze, Sovetskaya Kirgiziya, 5 Feb 53

The Kirovograd Krasnaya Zvezda Plant has developed the new SLG-5 seeder for square hill-drop planting of acorns. The plant is now developing the SL-72 narrow-row flax drill, and the SZTK-47 drill for grain and grasses.

The plant will produce a total of eight new types of seeders in 1953.

BUILD CORN PICKERS, PLOWS -- Tashkent, Pravda Vostoka, 8 Jan 53

The Rostov-on-Don Rostsel'mash Plant has organized the production of corn picking combines and five-bottom tractor plows with subsoilers.

IMPROVE GRAIN CLEANING MACHINES -- Petrozavodsk, Leninskoye Znamya, 18 Feb 53

The Voronezhsel'mash (Voronezh Agricultural Machine Building) Plant has improved the OS-3 grain cleaning machine so that it now cleans sunflower, sugar-beet, and forage crop seeds, as well as grain. By reducing the machine's weight and labor consumption, the plant will save 5 million rubles yearly.

Electromagnetic machines for cleaning clover and alfalfa seeds and freeing them of weeds have been improved so that they can be used to clean millet and seed flax, and at the same time cut the consumption of expensive magnetic powder in half.

FEED-PREPARATION MACHINES -- Moscow, Moskovskaya Pravda, 20 Feb 53

The Podol'sk Mosoblsel'mash (Moskovskaya Oblast Agricultural Machine Building) Plant has tripled its output of KM-1.5 potato pulpers. These machines process from 1.5 to 3 tons of steamed potatoes or other root crops per hour. The plant is building a new fodder steamer with a capacity of 200 kilograms of chopped straw, and has already turned out 73 of these devices. The plant will also produce a great number of MP-2.5 root and tuber washers in 1953.

BUILDS CHAINS, TRACTOR PARTS -- Ashkhabad, Turkmenskaya Iskra, 8 Jan 53

On 2 January 1953, the Ashkhabad Machinery Plant imeni 20-letiye Turkmen SSR received from the Ministry of Cotton Growing Turkmen SSR an order for 700 sets of special chains for agricultural machines. Yurasov, chief of the Technical Division, and Beglyarov, chief designer, have started work on the technical documentation necessary for the production of this new product.

The plant has just begun producing spare parts for winter repair of tractors and agricultural machines.

FAILS TO PRODUCE IMPORTANT MACHINERY -- Tashkent, Pravda Vostoka, 27 Jan 53

The Tashkent Tashkhlopkomash Plant, Ministry of Agricultural Machine Building USSR, fulfilled its 1952 plan by 113 percent but failed to fulfill the plan for the output of the most important products.

- E N D -